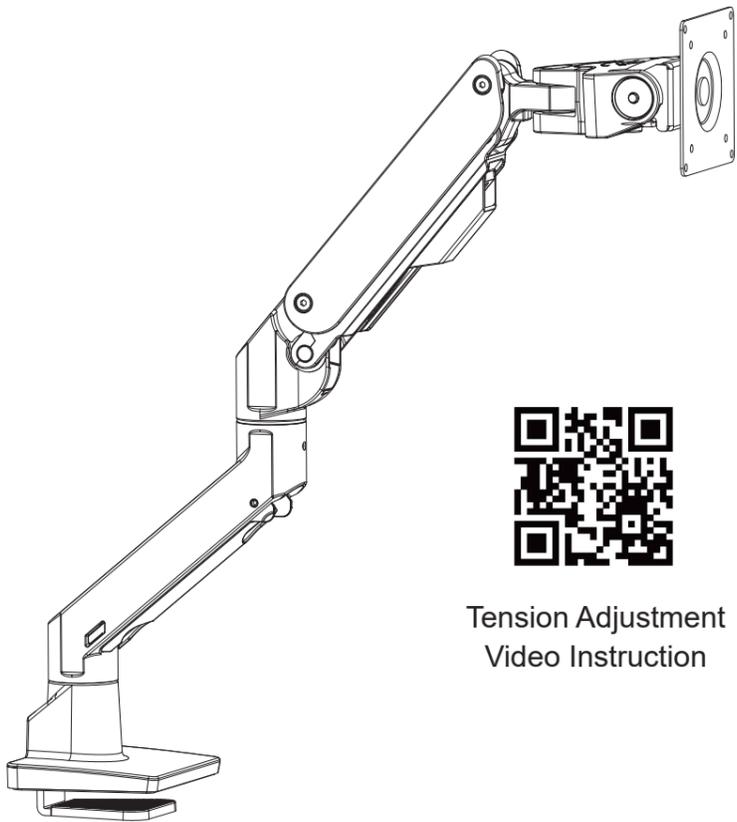
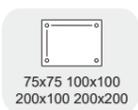
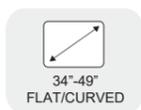


# Single 49-inch Heavy Duty Monitor Arm Top Mount



Tension Adjustment Video Instruction

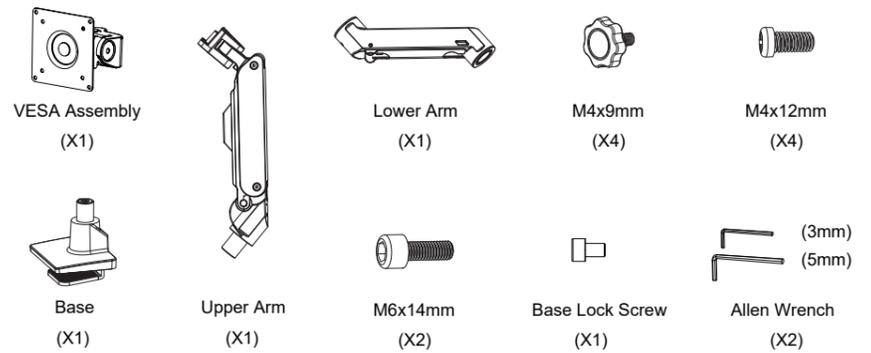
AVLT-DM85-1 (Black)  
AVLT-DM86-1 (White)  
AVLT-DM87-1 (Gray)



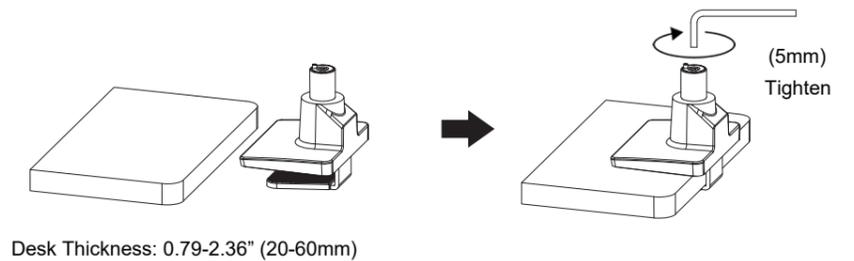
AP4-0249A

If you have any questions or concerns about this product.

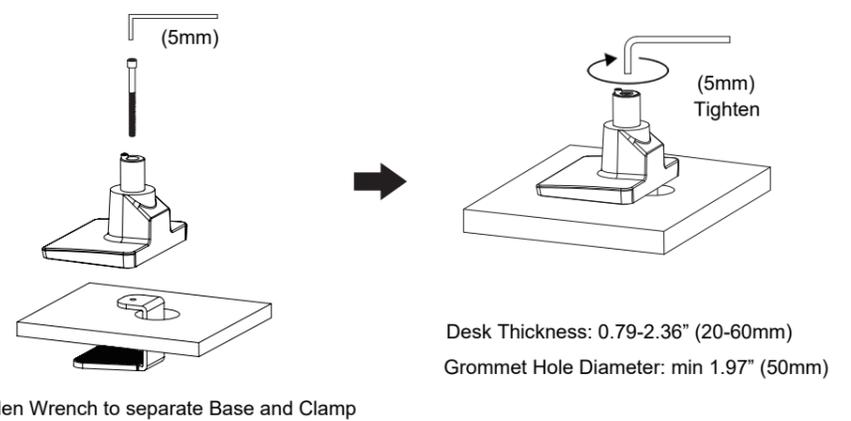
## 1 Parts List



## 2a Clamp Installation

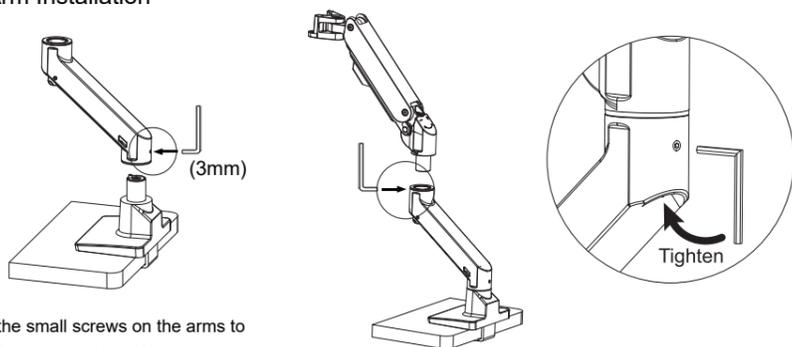


## 2b Grommet Installation



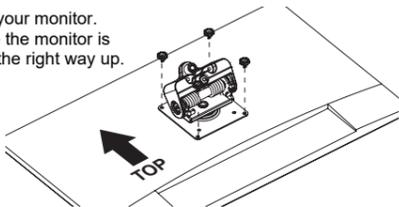
Please feel free to email us at [support@avlab.com.tw](mailto:support@avlab.com.tw)

## 3 Arm Installation



## 4 Monitor Installation

Install your monitor. Ensure the monitor is facing the right way up.

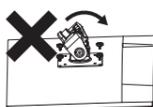


M4x9mm screw is the default VESA screw size for most monitors and is designed to be hand-tightened.

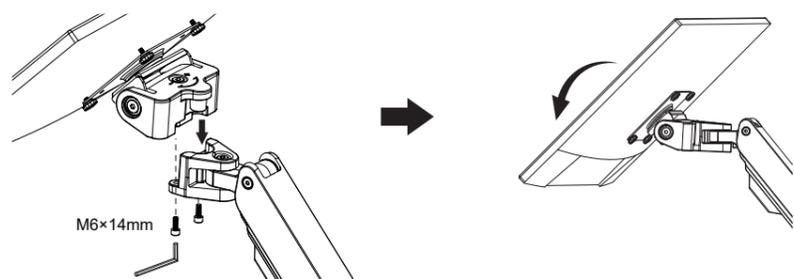
M4x12mm screw is provided to accommodate monitors requiring longer VESA screws.

For Monitors up to 44 lbs/20 kg,  
Not for monitors lighter than 22 lbs/10 kg.

NOTE: the two mechanical springs inside the VESA Assembly are stiff. It is not necessary to straighten the VESA Plate tilt by hand before connecting to the monitor. Adjust tilt after the monitor, VESA Assembly and Upper Arm are all installed.



## 5 VESA Assembly Installation



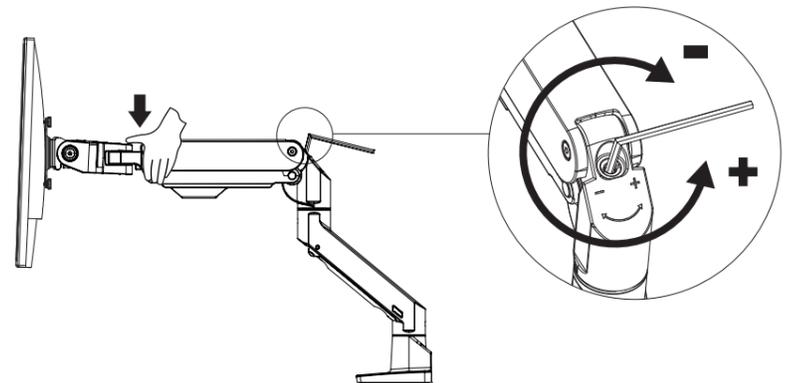
Attach the VESA Assembly to the Upper Arm and secure it with the two M6x14mm screws.

The monitor tilt can now be easily adjusted by hand.

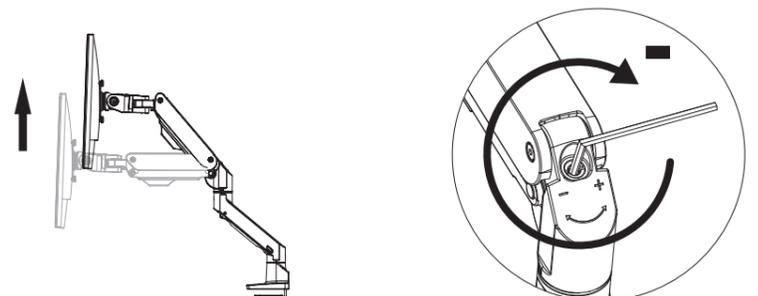
## 6 Adjust Arm Tension

a. To avoid any damage and facilitate easy adjustment, hold the arm in a horizontal position during tension adjustment.

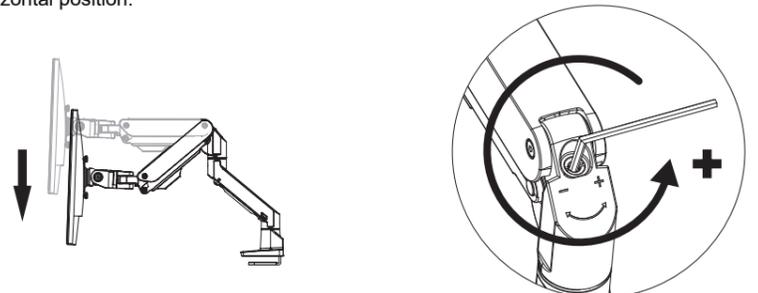
By using the Allen Wrench you can adjust the gas spring tension in the Upper Arm. Adjust the screw **counter-clockwise (+)** to increase gas spring tension. Adjust the screw **clockwise (-)** to decrease gas spring tension.



b. If the arm rises, turn the adjustment screw **clockwise (-)** until it stays in a horizontal position.



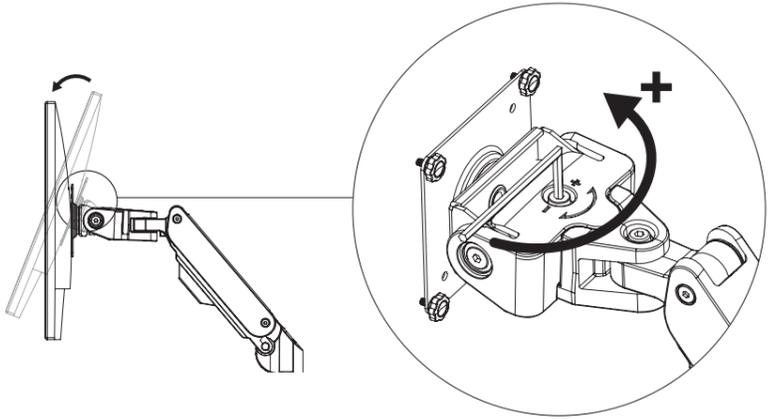
c. If the arm drops, turn the adjustment screw **counter-clockwise (+)** until it stays in a horizontal position.



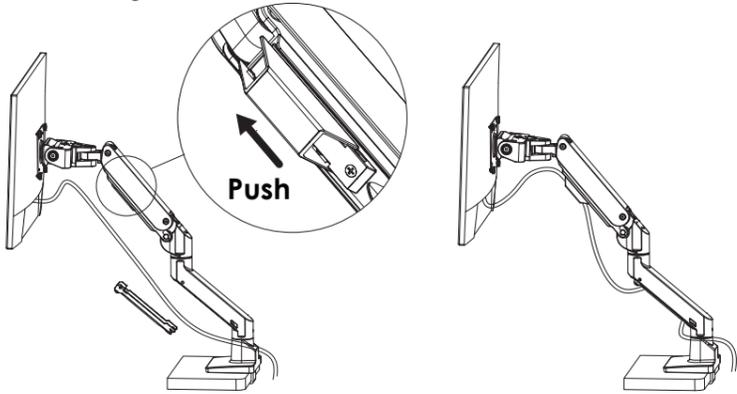
## 7 Monitor Tilt Adjustment

For extremely heavy monitors, if the monitor tilt does not stop at the desired angle, please turn the top tension screw **counter-clockwise (+)** using the Allen Wrench so that the tilt tension increases to hold the monitor tilt at the desired angle.

It is suggested to adjust the top tension screw by up to 5 full rotations first.



## 8 Cable Management



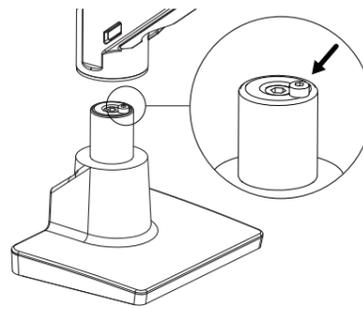
Upper Arm Cable Cover: remove by pushing cover in direction of the arrow (some extra force may be needed).

Lower Arm Cable Cover: pinch and squeeze protruding flaps of the cover, then gently remove.

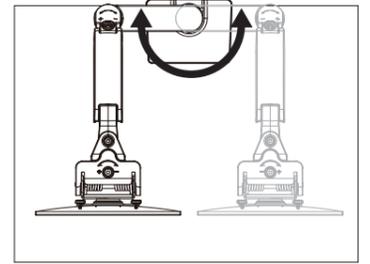
## 9 Optional Installation – Lower Arm Rotation Lock

The Lower Arm rotation lock is used to prevent the monitor arm from swinging into office divider, screen or wall.

The Base Lock Screw is pre-installed on the Base



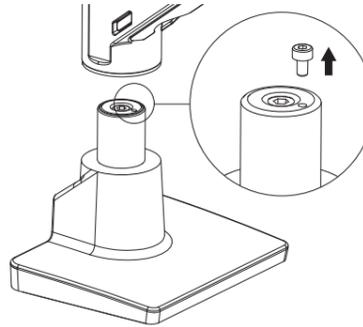
180°



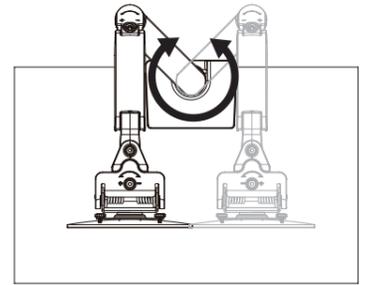
Lower Arm can rotate 180°.

**CAUTION:** To avoid tipping, **DO NOT** position the monitor past the back of the desk.

Remove the Base Lock Screw



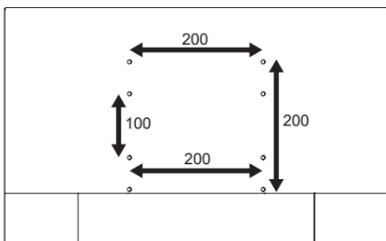
360°



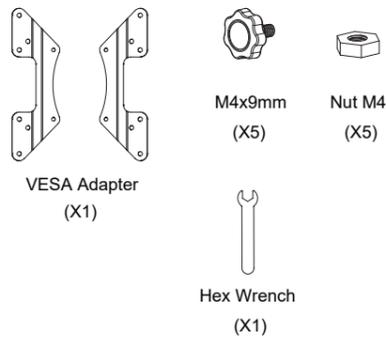
Lower Arm can rotate 360°.

## 10 Optional Installation – VESA Mounting For 200x100 / 200x200 Monitor

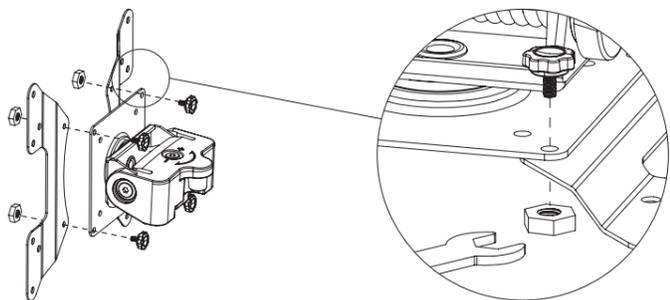
The 200x200 VESA Adapter is used for a monitor with either 200x100 or 200x200 VESA mounting patterns.



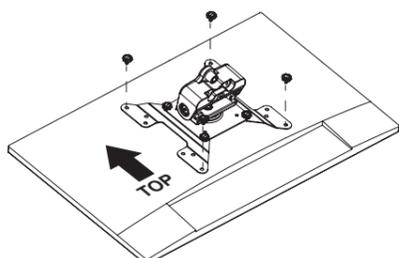
### Parts List



a. Setup VESA Assembly and 200x200 VESA adapter.



b. Install your monitor. Ensure the monitor is facing the right way up.



M4x9mm screw is the default VESA screw size for most monitors and is designed to be hand-tightened.

M4x12mm screw is provided to accommodate monitors requiring longer VESA screws.